




(Modified) PTO/SB/08A-B (10-96)
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Substitute for form 1449A-B/PTO INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)	Complete if Known	
	Application Number	10/076,136
	Filing Date	February 14, 2002
	First Named Inventor	Chien
	Group Art Unit	
	Examiner Name	
	Attorney Docket Number	100/13010

BB	6,012,902	Parce	01-11-2000
BC	6,046,056	Parce et al.	04-04-2000
BD	6,074,725	Kennedy	06-13-2000
BE	6,100,541	Nagle et al.	08-08-2000
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BH	6,319,472	Ackley et al.	11-20-2001
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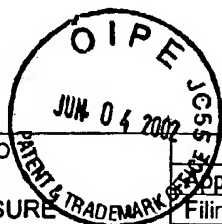
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Examiner Initials	Cite No.	Foreign Patent Document			Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, Lines, Where Relevant Passages or Relevant Figures Appear	T
		Office	Number	Kind Code (if known)				
	BJ	WO	9604547		Lockheed Martin	02-15-1996		
	BK	WO	9702357		Affymetrix, Inc.	01-23-1997		
	BL							

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
BM		COHEN, C.B. et al., "A Microchip-Based Enzyme Assay for Protein Kinase A," <u>Anal. Chem.</u> (1999) 273:89-97	
BN		DARIDON, A. et al., "Chemical sensing using an integrated microfluidic system based on the Berthelot reaction," <u>Sensors and Actuators</u> (2001) B76:235-243	
BO		DASGUPTA, P.K. et al., "Electroosmosis: A Reliable Fluid Propulsion System for Flow Injection Analysis," <u>Anal. Chem.</u> (1994) 66:1792-1798	
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BR		LIANG, Z. et al., "Microfabrication of a planar absorbance and fluorescence cell for integrated capillary electrophoresis devices," <u>Anal. Chem.</u> (1996) 68:1040-1046	
BS		MANZ, A. et al., "Electroosmotic pumping and electrophoretic separations for miniaturized chemical analysis systems," <u>J. Micromech. Microeng.</u> (1994) 4:257-265	

Examiner Signature	Alexander	Date Considered	4/30/05
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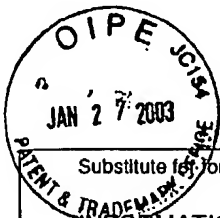


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Examiner Initials	Cite No.	U.S. Patent Document		Name of Patentee or Applicant of Cited Document	Date of Publication of Cited Document MM-DD-YYYY	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appeal
		Number	Kind Code (if known)			
Z	AA	4,390,403		Batchelder	06-28-1983	RECEIVED JUN 06 2002 TC 1700
	AB	4,908,112		Pace	03-13-1990	
	AC	5,126,022		Soane et al.	06-30-1992	
	AD	5,498,392		Wilding et al.	03-12-1996	
	AE	5,571,410		Swedberg et al.	11-05-1996	
	AF	5,585,069		Zanzucchi et al.	12-17-1996	
	AG	5,603,351		Cherukuri et al.	02-18-1997	
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	AJ	5,699,157		Parce	12-16-1997	
	AK	5,750,015		Soane et al.	05-12-1998	
	AL	5,800,690		Chow et al.	09-01-1998	
	AM	5,858,195		Ramsey	01-12-1999	
	AN	5,869,004		Parce et al.	02-09-1999	
	AO	5,876,675		Kennedy	03-02-1999	
	AP	5,880,071		Parce et al.	03-09-1999	
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	AS	5,942,443		Parce et al.	08-24-1999	
	AT	5,948,227		Dubrow	09-07-1999	
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	AV	5,958,694		Nikiforov	09-28-1999	
	AW	5,959,291		Jensen	09-28-1999	
	AX	5,965,410		Chow et al.	10-12-1999	
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	AZ	5,989,402		Chow et al.	11-23-1999	
BA	6,001,231		Kopf-Sill	12-14-1999		
Examiner Signature	Alexandre			Date Considered	4/30/04	

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INFORMATION DISCLOSURE STATEMENT BY APPLICANT (use as many sheets as necessary)		Application Number	10/076,136		
		Filing Date	February 14, 2002		
		First Named Inventor	Chien		
		Art Unit	1743		
		Examiner Name	Al xander		
Sheet	1	of	1	Attorney Docket Number	100/13010

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U.S. PATENT DOCUMENTS					
Examiner Initials	Cite No.	Document No.	Publication Date MM-DD-YYYY	Name of Patentee or Applicant of Cited Document	Pages, Columns, lines, Where Relevant Passages or Relevant Figures Appear
		Number - Kind Code (if known)			
<i>AX</i>	AA	US-5,928,880	07-27-1999	Wilding et al.	
	AB				
	AC				
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		Country Code - Number - Kind Code (if known)				
<i>AX</i>	AM	WO-9944217	09-02-1999	Caliper		
	AN	WO-0120309	03-22-2001	Aclara		

OTHER PRIOR ART - NON PATENT LITERATURE DOCUMENTS			
Examiner Initials	Cite No.	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), publisher, city and/or country where published.	T
	AO		
	AP		
	AQ		
	AR		
	AS		

Examiner Signature	<i>Al xander</i>	Date Considered	4/30/03
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		Art Unit	1743		
		Examiner Name	AI xander		
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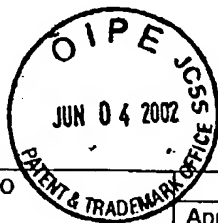
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J	AA	US-5,593,838	01-14-1997	Zanzucchi et al.	
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	AE	US-6,001,229	12-14-1999	Ramsey	
	AF	US-6,042,709	03-28-2000	Parce et al.	
	AG	US-6,062,261	05-16-2000	Jacobson et al.	
	AH	US-6,120,666	09-16-2000	Jacobson et al.	
	AI	US-6,235,471	05-22-2001	Knapp et al.	
	AJ	US-6,280,589	08-29-2001	Manz et al.	
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	AO	EFFENHAUSER, C.S. et al., "Glass Chips for High-Speed Capillary Electrophoresis Separations with Submicrometer Plate Heights," Anal. Chem. (1993) 65: 2637-2642			
	AP	EFFENHAUSER, C.S. et al., "High Speed Separation of Anitsense Oligonucleotides on a Micromachined Capillary Electrophoresis Device," Anal. Chem. (1994) 66: 2949-2953			
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Examiner Signature	Alexander	Date Considered	4/30/04
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		Filing Date	February 14, 2002
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		Attorney Docket Number	100/13010

BT	RAMSEY, J.M. et al., "Microfabricated chemical measurement systems," <u>Nature Med.</u> (1995) 1:1093-1096
BU	SUNDBERG, S., "High-throughput and ultra-high-throughput screening: solution- and cell-based approaches," <u>Current Opinions in Biotechnology</u> (2000) 11/47-53
BV	SEILER, K. et al., "Planar Glass Chips for Capillary Electrophoresis: Repetitive Sample Injection, Quantitation, and Separation Efficiency," <u>Anal. Chem.</u> (1993) 65:1481-1488
BW	SEILER, K. et al., "Electroosmotic Pumping and Valveless Control of Fluid Flow Within a Manifold of Capillaries on a Glass Chip," <u>Anal. Chem.</u> (1994) 66:3485-3491
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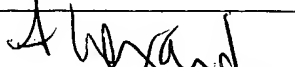


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		Art Unit	1743
Examiner Name	Alexander		
Attorney Docket Number	100/13010		
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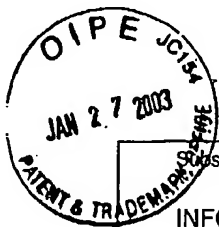
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BM	SALIMI-MOOSAVI, H. et al., "Biology Lab-on-a-Chip for Drug Screening," Solid-State Sensor and Actuator Workshop (1998) 350-353
BN	UEDA, M. et al., "Imaging of a Band for DNA Fragment Migrating in Microchannel on Integrated Microchip," Materials Science and Engineering C (2000) 12:33-36
BO	WANG, C. et al., "Integration of Immobilized Trypsin Bead Beds for Protein Degestion within a Microfluidic Chip Incorporating Capillary Electrophoresis Separations and an Electrospray Mass Spectrometry Interface," Rapid Commun. Mass Spectrom. (2000) 14:1377-1383
BP	WOOLLEY, A.T. et al., "Ultra-High-Speed DNA Fragment Separations Using Microfabricated Capillary Array Electrophoresis Chips," Proc. Natl. Acad. Sci. USA (1994) 91:11348-11352
BQ	WOOLLEY, A.T. et al., "Functional Integration of PCR Amplification and Capillary Electrophoresis in a Microfabricated DNA Analysis Device," Anal. Chem. (1996) 68: 4081-4086
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AR	FAN, Z.H. et al., "Micromachining of Capillary Electrophoresis Injectors and Separators on Glass Chips and Evaluation of Flow at Capillary Intersections," Anal. Chem. (1994) 66: 177-184
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AU	HARRISON, J. et al., "Capillary Electrophoresis and Sample Injection Systems Integrated on a Planar Glass Chip," Anal. Chem. (1992) 64: 1926-1932
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AW	HARRISON, J. et al., "Micromachining a Miniaturized Capillary Electrophoresis-Based Chemical Analysis System on a Chip," Science (1993) 261: 895-897
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AY	JACOBSON, S.C. et al., "Effects of Injection Schemes and Column Geometry on the Performance of Microchip Electrophoresis Devices," Anal. Chem. (1994) 66:1107-1113
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BC	JACOBSON, S.C. et al., "Microchip Electrophoresis with Sample Stacking," Electrophoresis (1995) 16: 481-486
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BG	MANZ, A. et al., "Miniaturized Total Chemical Analysis Systems: a Novel Concept for Chemical Sensing," Sensors and Actuators (1990) B1: 244-248

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